

Application No. 10/084,174
Attorney Docket No. 29250-000571/US

LISTING OF THE CLAIMS

The following is a complete listing of the claims with a status identifier in parenthesis.

What is claimed is:

1. (Previously Presented) A method for configuration negotiation in a data communication system, comprising:

receiving, at an access network, an access request and a token from an access terminal, the token including at least one bit associated with a parameter group type, the at least one bit indicating whether the access terminal is operating according to a default parameter group for the associated parameter group type;

sending information to and receiving information from the access terminal according to the default parameter group without negotiating parameters for the associated parameter group type when a portion of the access network communicating with the access terminal operates according to the default parameter group for the associated parameter group type and the at least one bit indicates the access terminal operates according to the default parameter group for the associated parameter group type, wherein the token includes a plurality of bits, each bit associated with a different parameter group type.

2. (Original) The method of claim 1, wherein a parameter group type is a type of protocol, and a parameter group in the parameter group type is a specific protocol in the parameter group type.

3. (Previously Presented) The method of claim 1, further comprising:

sending information to and receiving information from the access terminal after negotiating a parameter group for the associated parameter group type when (i) the portion of the

Application No. 10/084,174
Attorney Docket No. 29250-000571/US

access network communicating with the access terminal operates according to a parameter group other than the default parameter group for the associated parameter group type and the at least one bit indicates the access terminal operates according to the default parameter group for the associated parameter group type, or (ii) the portion of the access network communicating with the access terminal operates according to the default parameter group for the associated parameter group type and the at least one bit indicates the access terminal operates according to a parameter group other than the default parameter group for the parameter group type.

4. (Previously Presented) The method of claim 1, further comprising:

first accessing memory at the access network when the at least one bit indicates the access terminal is not operating according to the default parameter group to obtain a stored parameter group of the associated parameter group type for the access terminal; and

sending information to and receiving information from the access terminal according to the accessed parameter group of the associated parameter group type for the access terminal without negotiating a parameter group of the associated parameter group type when a portion of the access network communicating with the access terminal operates according to the accessed parameter group for the associated parameter group type.

5. (Original) The method of claim 4, further comprising:

sending information to and receiving information from the access terminal after negotiating a parameter group of the associated parameter group type when the portion of the access network communicating with the access terminal operates according to a parameter group

Application No. 10/084,174
Attorney Docket No. 29250-000571/US

of the associated parameter group type which is different from the stored parameter group of the associated parameter group type for the access terminal.

6. (Previously Presented) The method of claim 4, further comprising:

sending information to and receiving information from the access terminal after negotiating a parameter group of the associated parameter group type when the first accessing step fails to access a stored parameter group of the associated parameter group type for the access terminal.

7. (Previously Presented) The method of claim 4, further comprising:

second accessing memory at another access network to obtain a stored parameter group of the associated parameter group type for the access terminal when the first accessing step fails to access a stored parameter group of the associated parameter group type for the access terminal and the bit indicates the access terminal is not operating according to the default parameter group.

8. (Original) The method of claim 7, further comprising:

sending information to and receiving information from the access terminal after negotiating a parameter group of the associated parameter group type when the first and second accessing steps fail to access a stored parameter group of the associated parameter group type for the access terminal.

9. (Previously Presented) The method of claim 6, further comprising:

Application No. 10/084,174
Attorney Docket No. 29250-000571/US

sending the access terminal a new token indicating a current parameter group of each parameter group type after negotiations are complete.

10. (Previously Presented) The method of claim 3, further comprising:

sending the access terminal a new token indicating a current parameter group of each parameter group type after negotiations are complete.

11. (Cancelled)

12. (Previously Presented) A method for configuration negotiation in a data communication system, comprising:

receiving, at an access network, an access request and a token from an access terminal, the token including at least one bit associated with a parameter group type, the at least one bit indicating whether the access terminal is operating according to a default parameter group for the associated parameter group type;

first accessing memory at the access network when the at least one bit indicates the access terminal is not operating according to the default parameter group to obtain a stored parameter group of the associated parameter group type for the access terminal; and

sending information to and receiving information from the access terminal according to the accessed parameter group of the associated parameter group type for the access terminal without negotiating a parameter group of the associated parameter group type when a portion of the access network communicating with the access terminal operates according the accessed

Application No. 10/084,174
Attorney Docket No. 29250-000571/US

parameter group for the associated parameter group type, wherein the token includes a plurality of bits, each bit associated with a different parameter group type.

13. (Original) The method of claim 12, further comprising:

sending information to and receiving information from the access terminal after negotiating a parameter group of the associated parameter group type when the portion of the access network communicating with the access terminal operates according to a parameter group of the associated parameter group type which is different from the stored parameter group of the associated parameter group type for the access terminal.

14. (Original) The method of claim 12, further comprising:

sending information to and receiving information from the access terminal after negotiating a parameter group of the associated parameter group type when the first accessing step fails to access a stored parameter group of the associated parameter group type for the access terminal.

15. (Previously Presented) The method of claim 12, further comprising:

second accessing memory at another access network to obtain a stored parameter group of the associated parameter group type for the access terminal when the first accessing step fails to access a stored parameter group of the associated parameter group type for the access terminal and the at least one bit indicates the access terminal is not operating according to the default parameter group.

Application No. 10/084,174
Attorney Docket No. 29250-000571/US

16. (Original) The method of claim 15, further comprising:

sending information to and receiving information from the access terminal after negotiating a parameter group of the associated parameter group type when the first and second accessing steps fail to access a stored parameter group of the associated parameter group type for the access terminal.

17. (Previously Presented) The method of claim 13, further comprising:

sending the access terminal a new token indicating a current parameter group of each parameter group type after negotiations are complete.

18. (Cancelled)

19. (Previously Presented) A method for configuration negotiation in a data communication system, comprising:

storing parameter groups of parameter group types previously established between an access network and an access terminal;

receiving, at the access network, an access request and a token from the access terminal, the token including at least one bit associated with at least one of the parameter group types, the at least one bit indicating whether the access terminal is operating according to a default parameter group for the associated one of the parameter group types;

sending information to and receiving information from the access terminal according to the default parameter group without negotiating parameters for the associated one of the parameter group types when a portion of the access network communicating with the access

Application No. 10/084,174
Attorney Docket No. 29250-000571/US

terminal operates according to the default parameter group for the associated one of the parameter group types and the at least one bit indicates the access terminal operates according to the default parameter group for the associated one of the parameter group types.

20. (Previously Presented) The method of claim 8, further comprising:

 sending the access terminal a new token indicating a current parameter group of each parameter group type after negotiations are complete.

21. (Previously Presented) The method of claim 14, further comprising:

 sending the access terminal a new token indicating a current parameter group of each parameter group type after negotiations are complete.

22. (Previously Presented) The method of claim 16, further comprising:

 sending the access terminal a new token indicating a current parameter group of each parameter group type after negotiations are complete.